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JANUARY 1979

# VETERINARY BIOLOGICAL PRODUCTS:

## ■ Licensees

U.S. DEPT. OF AGRICULTURE  
NATIONAL AGRIC. LIBRARY  
SERIALS SECTION  
JAN. 31, 1979

Prepared by Veterinary Services  
Animal and Plant Health Inspection Service  
UNITED STATES DEPARTMENT OF AGRICULTURE  
Hyattsville, Maryland 20782

## INTRODUCTION

This publication contains lists of licensed establishments and licensees with their subsidiaries and divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by license number identifies each licensee, subsidiary, and division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - menstrum; and sixth - miscellaneous variables.

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## ALPHABETICAL LISTING

## LICENSEES - SUBSIDIARIES - DIVISIONS

	LICENSE NUMBER
ABBOTT LABORATORIES	243, 243A
ACME LABORATORIES, INC.	266
AG-VET BIOS, INC.	124
AGRI BIO CORP.	269
AGRI-MART DIVISION	272
ALCON LABORATORIES, INC.	259
AMATEX LABORATORIES, INC.	227
AMERICAN HOME PRODUCTS CORPORATION	112, 112A, 112B
AMERICAN SCIENTIFIC LABORATORIES	165
AMERICANA LABORATORIES, INC.	188
ANCHOR LABORATORIES, INC.	124
APEX LABORATORIES, INC.	124
BANDY LABORATORIES	227
BAYVET	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BI VET LABORATORIES, INC.	227
BIO VAC., INC.	124
BIO-CEUTIC LABORATORIES, INC.	124
BIOLOGICAL SPECIALTIES	245, 245A
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240
BRADLEY PRODUCTS COMPANY	251

	LICENSE NUMBER
BURNS-BIUTEC LABORATORIES	251
BURROUGHS WELLCOME CO.	115
CENTER LABORATORIES, INC.	259
CHROMALLOY ANIMAL HEALTH	251
CHROMALLOY PHARMACEUTICAL, INC.	251
COLORADO SERUM COMPANY	188
CONTINENTAL PHARMACAL COMPANY	188
CUSTOM BIOLOGICS, INC.	272
CUTTER LABORATORIES, INC.	52
DAMON CORPORATION	196
DEKALB AG RESEARCH, INC.	271
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND LABORATORIES, INC.	213
DOME LABORATORIES	270
DOUGLAS INDUSTRIES, INC.	266
DOUGLAS LABORATORIES, INC.	266
DOUGLAS VETERINARY PRODUCTS, INC.	266
DURVET LABORATORIES	272
DYNASCIENCE CORPORATION	278
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112, 112A, 112B
FRANKLIN LABORATORIES, INC.	112, 112A, 112B
FROMM LABORATORIES, INC.	195, 195A
INTERNATIONAL, INC.	188

	LICENSE NUMBER
INTERSTATE BIOLOGIC CORP.	269
JENSEN-SALSBURY LABORATORIES	107
JOHNSON & JOHNSON	264, 264A
LONG ISLAND DUCK RESEARCH COOPERATIVE, INC.	268
MAINE BIOLOGICAL LABORATORIES, INC.	240
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
METROPOLITAN MEDICAL COMPANY	188
MICROBIOLOGICAL ASSOCIATES	278
MILES LABORATORIES, INC.	270
MILES VETERINARY DIVISION	270
MOGUL CORPORATION, THE	245, 245A
MYZON LABORATORIES, INC.	213
NATION, INC.	227
NORDEN LABORATORIES	189
PHILIPS ROXANE, INC.	124
PITMAN-MOORE, INC.	264, 264A
PROFESSIONAL BIOLOGICAL COMPANY	188
RICHARDSON-MERRELL, INC.	107
ROLYNN LABORATORIES, INC.	266
SALSBURY LABORATORIES	195, 195A
SCHERAMEX (MEXICO)	165
SCHERING CORPORATION	165
SCHERING LIMITED (CANADA)	165

	LICENSE NUMBER
SCHERING-PLough INTERNATIONAL DIVISION	165
SCIENTIFIC LABORATORIES, INC.	188
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226, 226A
STERWIN LABORATORIES, INC.	226, 226A
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264, 264A
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE	245, 245A
UNIVERSAL LABORATORIES, INC.	188
VINELAND LABORATORIES, INC.	196
WELLCOME VACCINES DIVISION	115
WHITMOYER LABORATORIES, INC.	225
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112, 112A, 112B
WYETH VETERINARY PRODUCTS, INC.	112, 112A, 112B

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE  
NUMBER

MERCK & COMPANY, INC.

3

DIVISIONS:

MERCK CHEMICAL DIVISION  
MERCK SHARP & DUMME INTERNATIONAL  
MAIL: MERCK SHARP & DUMME  
DIVISION OF MERCK & CO., INC.  
WEST POINT, PENNSYLVANIA 19486

CUTTER LABORATORIES, INC.

52

DIVISION:

BAYVET  
MAIL: BAYVET DIVISION  
CUTTER LABORATORIES, INC.  
P. O. BOX 390  
SHAWNEE MISSION, KANSAS 66201

RICHARDSON-MERRELL, INC.

107

DIVISIONS:

JENSEN-SALSBERRY LABORATORIES  
MAIL: JENSEN-SALSBERRY LABORATORIES  
P. O. BOX 167  
KANSAS CITY, MISSOURI 64141

AMERICAN HOME PRODUCTS CORPORATION

112

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.  
FRANKLIN LABORATORIES, INC.  
WYETH INTERNATIONAL LIMITED  
WYETH VETERINARY PRODUCTS, INC.  
MAIL: FORT DODGE LABORATORIES, INC.  
800 FIFTH STREET N.W.  
FORT DODGE, IOWA 50501

AMERICAN HOME PRODUCTS CORPORATION

112A

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.  
FRANKLIN LABORATORIES, INC.  
WYETH INTERNATIONAL LIMITED  
WYETH VETERINARY PRODUCTS, INC.  
MAIL: FRANKLIN LABORATORIES, INC.  
P.O. BOX 669  
AMARILLO, TEXAS 79105

AMERICAN HOME PRODUCTS CORPORATION  
SUBSIDIARIES:  
FORT DODGE LABORATORIES, INC.  
FRANKLIN LABORATORIES, INC.  
WYETH INTERNATIONAL LIMITED  
WYETH VETERINARY PRODUCTS, INC.  
MAIL: WYETH LABORATORIES, INC.  
WASP & BIDDLE STREETS  
MARIETTA, PENNSYLVANIA 17547

1128

BURROUGHS WELLCOME CO. 115  
DIVISION:  
WELLCOME VACCINES DIVISION  
MAIL: WELLCOME VACCINES DIVISION  
BURROUGHS WELLCOME CO.  
5030 YORK STREET  
DENVER, COLORADO 80216

PHILIPS RÖXANE, INC. 124  
SUBSIDIARIES:  
AG-VET BIOS, INC.  
APEX LABORATORIES INC.  
BIO VAC., INC.  
DIVISIONS:  
ANCHOR LABORATORIES, INC.  
BIO-CENTRIC LABORATORIES, INC.  
MAIL: 2621 NORTH BELT HIGHWAY  
ST. JOSEPH, MISSOURI 64502

SCHERING CORPORATION 165  
DIVISIONS:  
AMERICAN SCIENTIFIC LABORATORIES  
SCHERAMEX (MEXICO)  
SCHERING LIMITED (CANADA)  
SCHERING-PLUUGH INTERNATIONAL DIVISION  
MAIL: AMERICAN SCIENTIFIC LABORATORIES  
SCHERING CORPORATION  
P.O. BOX 7130  
MADISON, WISCONSIN 53707

COLORADO SERUM COMPANY SUBSIDIARIES: AMERICANA LABORATORIES, INC. CONTINENTAL PHARMACAL COMPANY DENVER COLORADO LABORATORIES, INC. EMPIRE VETERINARY COMPANY INTERNATIONAL, INC. METROPOLITAN MEDICAL COMPANY PROFESSIONAL BIOLOGICAL COMPANY SCIENTIFIC LABORATORIES, INC. UNIVERSAL LABORATORIES, INC. MAIL: 4950 YORK STREET DENVER, COLORADO 80216	188
SMITHKLINE CORPORATION SUBSIDIARY: NORDEN LABORATORIES DIVISION: SMITHKLINE ANIMAL HEALTH PRODUCTS MAIL: NORDEN LABORATORIES P.O. BOX 80809 LINCOLN, NEBRASKA 68501	189
SALSBURY LABORATORIES SUBSIDIARY: FRUMM LABORATORIES, INC. MAIL: 2000 RUCKFORD ROAD CHARLES CITY, IOWA 50616	195
SALSBURY LABORATORIES SUBSIDIARY: FRUMM LABORATORIES, INC. MAIL: FRUMM LABORATORIES, INC. 703 LAKE SHORE ROAD GRAFTON, WISCONSIN 53024	195A
DAMON CORPORATION DIVISION: VINELAND LABORATORIES, INC. MAIL: 2285 EAST LANDIS AVENUE VINELAND, NEW JERSEY 08360	196

SYNTEX AGRIBUSINESS, INC.	213
SUBSIDIARIES:	
DIAMOND LABORATORIES, INC.	
MYZON LABORATORIES, INC.	
SOUTHWESTERN LABORATORIES, INC.	
TRANS WORLD LABORATORIES, INC.	
MAIL: P. O. BOX 863	
DES MOINES, IOWA 50304	
BEECHAM, INC.	
SUBSIDIARY:	
WHI MOYER LABORATORIES, INC.	225
DIVISION:	
BEECHAM LABORATORIES	
MAIL: BEECHAM LABORATORIES	
P. O. BOX 221	
WHITE HALL, ILLINOIS 62092	
STERLING DRUG, INC.	
SUBSIDIARY:	
STERWIN LABORATORIES, INC.	226
MAIL: P. O. BOX 537	
MILLSBORO, DELAWARE 19966	
STERLING DRUG, INC.	
SUBSIDIARY:	
STERWIN LABORATORIES, INC.	226A
MAIL: P. O. BOX 999	
OPELIKA, ALABAMA 36801	
BANDY LABORATORIES	
SUBSIDIARIES:	
AMATEX LABORATORIES, INC.	227
BI VET LABORATORIES, INC.	
NATION, INC.	
MAIL: P. O. BOX 727	
TEMPLE, TEXAS 76501	

MAINE BIOLOGICAL LABORATORIES, INC.  
SUBSIDIARY:  
BIOLOGICS PRODUCTION, INC.  
MAIL: P. O. BOX 255  
WATERVILLE, MAINE 04901

240

ABBUtT LABORATORIES  
MAIL: ABBUtT BIOLOGICAL LABORATORIES  
P. O. BOX 5  
BERLIN, MARYLAND 21811

243

ABBUtT LABORATORIES  
MAIL: ABBUtT BIOLOGICAL LABORATORIES  
12300 SANTA FE DRIVE  
LENEXA, KANSAS 66215

243A

MOGUL CORPORATION, THE  
DIVISIONS:  
BIOLOGICAL SPECIALTIES  
UNITED ANIMAL SCIENCE  
MAIL: 7819 AIRPORT ROAD  
MIDDLETON, WISCONSIN 53562

245

MOGUL CORPORATION, THE  
DIVISIONS:  
BIOLOGICAL SPECIALTIES  
UNITED ANIMAL SCIENCE  
MAIL: 255 ELLIOTT STREET  
COUNCIL BLUFFS, IOWA 51501

245A

CHROMALLOY PHARMACEUTICAL, INC.  
DIVISIONS:  
BURNS-BIOTEC LABORATORIES  
BRALEY PRODUCTS COMPANY  
CHROMALLOY ANIMAL HEALTH  
MAIL: BURNS-BIOTEC LABORATORIES DIVISION  
CHROMALLOY PHARMACEUTICAL, INC.  
P. O. BOX 3113  
OMAHA, NEBRASKA 68103

251

ALLON LABORATORIES, INC. 259  
SUBSIDIARY:  
CENTER LABORATORIES, INC.  
MAIL: P. O. BOX 1959  
FORI WORTH, TEXAS 76101

JOHNSON & JOHNSON 264  
SUBSIDIARIES:  
PITMAN-MOORE, INC.  
TAVULEK, INC.  
MAIL: PITMAN-MOORE, INC.  
P. O. BOX 344  
WASHINGTON CROSSING, NEW JERSEY 08560

JOHNSON & JOHNSON 264A  
SUBSIDIARIES:  
PITMAN-MOORE, INC.  
TAVULEK, INC.  
MAIL: TAVULEK, INC.  
P. O. BOX 184  
TITUSVILLE, NEW JERSEY 08560

DOUGLAS INDUSTRIES, INC. 266  
SUBSIDIARIES:  
ACME LABORATORIES, INC.  
DOUGLAS LABORATORIES, INC.  
DOUGLAS VETERINARY PRODUCTS, INC.  
ROLYNN LABORATORIES, INC.  
MAIL: 8906 ROSEHILL ROAD  
LENEXA, KANSAS 66215

LONG ISLAND DUCK RESEARCH COOPERATIVE, INC. 268  
MAIL: OLD COUNTRY ROAD  
P. O. BOX 217  
EASTPORT, NEW YORK 11941

AIKII BIU CORP. 269  
SUBSIDIARY:  
INTERSTATE BIOLOGIC CORP.  
MAIL: P. O. BOX 280  
ITHACA, NEW YORK 14850

MILES LABORATORIES, INC.	270
DIVISIONS:	
DOME LABORATORIES	
MILES VETERINARY DIVISION	
MAIL: DOME LABORATORIES	
400 MORGAN LANE	
WEST HAVEN, CONNECTICUT 06516	
DEKALB AG RESEARCH, INC.	271
MAIL: Sycamore Road	
DEKALB, ILLINOIS 60115	
BIOLOGICS CORPORATION	272
DIVISIONS:	
AGRI-MART DIVISION	
CUSTOM BIOLOGICS, INC.	
DELLEN LABORATORIES, INC.	
DURVET LABORATORIES	
MAIL: DELLEN LABORATORIES, INC.	
DIVISION OF BIOLOGICS CORPORATION	
8445 LAKE STREET	
OMAHA, NEBRASKA 68134	
TRI-BIO LABORATORIES, INC.	275
MAIL: 1400 FOX HILL ROAD	
STATE COLLEGE, PENNSYLVANIA 16801	
WILDLIFE VACCINES, INC.	277
MAIL: 11475 W. 48TH AVENUE	
WHEAT RIDGE, CO. 80033	
DYNASCIENCE CORPORATION	278
DIVISION:	
MICROBIOLOGICAL ASSOCIATES	
MAIL: MICROBIOLOGICAL ASSOCIATES	
BIGGS FORD ROAD	
WALKERSVILLE, MARYLAND 21793	

## LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

## VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>ANAPLASMOSIS VACCINE</u>		
1005.50	KILLED BOVINE ORIGIN	112
<u>ANTHRAX SPORE VACCINE</u>		
1011.00	NONENCAPSULATED LIVE CULTURE	52, 107, 188
<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>		
1051.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196
1051.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN LYOPHILIZED	196, 226, 243, 269
1055.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
<u>BLUETONGUE VACCINE</u>		
1061.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3, 52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264

CODE            PRODUCT AND FORM            LICENSE NOS. OF PRODUCERS

CONTINUED  
BOVINE RHINOTRACHEITIS VACCINE

1101.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 225
1101.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1101.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE

1121.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 112, 188, 213, 225, 243A, 251, 264
1121.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	264
1121.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1121.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
1121.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	52
1125.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE

1151.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188, 213, 243A, 264
1151.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272

CONTINUEDBOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE

1151.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107, 124, 189
	<u>BOVINE RHINOTRACHEITIS-</u> <u>VIRUS DIARRHEA-PARAINFLUENZA 3</u> <u>VACCINE</u>	
1171.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 188, 213, 243A, 264
1171.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272
1171.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	124, 189

BOVINE VIRUS DIARRHEA VACCINE

1201.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	112, 124, 188, 189, 213, 243A, 251, 264
1201.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 272

BRONCHITIS VACCINE

1231.11	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240
1231.12	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 226, 240, 243
1231.14	MASS & CUNN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	243

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

CONTINUED  
BRONCHITIS VACCINE

1231.17 MASS & CUNN TYPES 165  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

1231.18 MASS TYPE 196  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

BRUCELLA ABORTUS VACCINE

1251.00 STRAIN 19 52, 107, 188  
LIVE CULTURE

BURSAL DISEASE VACCINE

1271.00 LIVE VIRUS 269  
TISSUE CULTURE ORIGIN

1271.01 LIVE VIRUS 269  
TISSUE CULTURE ORIGIN

1271.10 LIVE VIRUS 226  
CHICKEN EMBRYO ORIGIN

1271.11 MODIFIED LIVE VIRUS 226  
CHICKEN EMBRYO ORIGIN

BURSAL DISEASE-MAREK'S DISEASE  
VACCINE

1288.40 MODIFIED LIVE VIRUS 226  
LIVE TURKEY HERPESVIRUS  
CHICKEN EMBRYO AND  
TISSUE CULTURE ORIGIN  
CELL ASSOCIATED  
COMBINATION PACKAGE

1288.41 MODIFIED LIVE VIRUS 226  
LIVE TURKEY HERPESVIRUS  
CHICKEN EMBRYO AND  
TISSUE CULTURE ORIGIN  
CELL FREE  
COMBINATION PACKAGE

CANINE ADENOVIRUS TYPE 2  
VACCINE

1291.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN

CANINE ADENOVIRUS TYPE 2-  
PARAINFLUENZA VACCINE

12N1.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN

CANINE DISTEMPER VACCINE

1301.00 MODIFIED LIVE VIRUS 107, 195A, 225, 251  
TISSUE CULTURE ORIGIN

1301.09 MODIFIED LIVE VIRUS 195A  
TISSUE CULTURE ORIGIN  
FERRET VIRULENT

1301.20 MODIFIED LIVE VIRUS 107, 189, 264, 272  
CELL LINE ORIGIN

1301.59 MODIFIED LIVE VIRUS 195A  
FERRET ORIGIN  
FERRET VIRULENT

CANINE DISTEMPER-ADENOVIRUS  
TYPE 2 VACCINE

13A1.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN

CANINE DISTEMPER-ADENOVIRUS  
TYPE 2-PARAINFLUENZA VACCINE

13C1.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN

CANINE DISTEMPER-HEPATITIS  
VACCINE

1311.00	MODIFIED LIVE VIRUS TI-SUE CULTURE ORIGIN	107, 112, 195A, 213, 225, 243A, 251
1311.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
1311.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 124, 189, 213, 227, 245, 264, 272
1311.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	227
1311.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN	188

CANINE DISTEMPER-MEASLES  
VACCINE

1351.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE HEPATITIS VACCINE

1361.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1361.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189

CANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE

1381.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
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CONTINUEDCANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE

1381.20 MODIFIED LIVE VIRUS 107, 124, 189, 264,  
CELL LINE ORIGIN 272

CANINE HOOKWORM VACCINE

1411.00 MODIFIED LIVE LARVAE 107  
CANINE ORIGIN

CANINE PARAINFLUENZA VACCINE

1421.00 MODIFIED LIVE VIRUS 195A  
TISSUE CULTURE ORIGIN

1421.20 MODIFIED LIVE VIRUS 189, 264, 272  
CELL LINE ORIGIN

CUCCIDIOSIS VACCINE

1431.50 LIVE OOCYSTS 226A  
CHICKEN ORIGIN

DISTEMPER VACCINE -  
MINK

1451.00 MODIFIED LIVE VIRUS 165, 245  
TISSUE CULTURE ORIGIN

1451.01 MODIFIED LIVE VIRUS 165, 245  
TISSUE CULTURE ORIGIN

1451.02 MODIFIED LIVE VIRUS 165  
TISSUE CULTURE ORIGIN

DUCK VIRUS ENTERITIS VACCINE

1461.10 MODIFIED LIVE VIRUS 268  
CHICKEN EMBRYO ORIGIN

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

DUCK VIRUS HEPATITIS VACCINE

1481.10 MODIFIED LIVE VIRUS 268  
CHICKEN EMBRYO ORIGIN

ENCEPHALOMYELITIS VACCINE

1475.00 EASTERN 52, 107, 112, 188,  
WESTERN 189, 227  
KILLED VIRUS  
TISSUE CULTURE ORIGIN

1475.01 EASTERN 112  
WESTERN  
KILLED VIRUS  
TISSUE CULTURE ORIGIN

1481.00 VENEZUELAN 107, 189  
MODIFIED LIVE VIRUS  
TISSUE CULTURE ORIGIN

1485.33 EASTERN 107  
WESTERN  
VENEZUELAN  
KILLED VIRUS  
TISSUE CULTURE AND  
CELL LINE ORIGIN

EQUINE INFLUENZA VACCINE

1505.10 KILLED VIRUS 112, 189  
CHICKEN EMBRYO ORIGIN  
AQUEOUS

1505.11 KILLED VIRUS 52, 112  
CHICKEN EMBRYO ORIGIN  
EMULSIFIED

EQUINE RHINOPNEUMONITIS  
VACCINE

1521.20 MODIFIED LIVE VIRUS 124, 189  
CELL LINE ORIGIN

CONTINUED  
EQUINE RHINOPNEUMONITIS  
VACCINE

1521.50     LIVE VIRUS                                       112  
                HAMSTER ORIGIN

1525.20     KILLED VIRUS                                   112  
                CELL LINE ORIGIN

ERYSIPLOLTHRIA RHUSIOPATHIAE  
VACCINE

1541.00     AVIRULENT LIVE CULTURE                       52, 112, 124, 189

FELINE PANLEUKOPENIA VACCINE

1561.00     MODIFIED LIVE VIRUS                       195A, 213, 225, 264  
                TISSUE CULTURE ORIGIN

1561.01     MODIFIED LIVE VIRUS                       225  
                TISSUE CULTURE ORIGIN  
                LIQUID

1561.20     MODIFIED LIVE VIRUS                       124, 189, 272  
                CELL LINE ORIGIN

1561.21     MODIFIED LIVE VIRUS                       272  
                CELL LINE ORIGIN  
                LIQUID

1565.00     KILLED VIRUS                               107, 112, 195A, 225,  
                TISSUE CULTURE ORIGIN                       243A, 251, 264

1565.20     KILLED VIRUS                               112, 189, 266, 272  
                CELL LINE ORIGIN

1565.50     KILLED VIRUS                               112, 227  
                FELINE ORIGIN

FELINE PANLEUKOPENIA-RABIES  
VACCINE

1575.80     CELL LINE AND                               266  
                MURINE ORIGIN

FELINE PNEUMONIITIS VACCINE

1861.00 MODIFIED LIVE CHLAMYDIA 195A  
CHICKEN EMBRYO ORIGIN

FELINE RHINOTRACHEITIS VACCINE

1861.00 MODIFIED LIVE VIRUS 195A, 225  
TISSUE CULTURE ORIGIN

1861.20 MODIFIED LIVE VIRUS 224  
CELL LINE ORIGIN

FELINE RHINOTRACHEITIS-  
FELLEUKOPENIA VACCINE

1864.00 MODIFIED LIVE VIRUS 225  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

1867.00 MODIFIED LIVE AND 225  
KILLED VIRUS  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

1869.30 MODIFIED LIVE AND 264  
KILLED VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

FELINE RHINOTRACHEITIS-CALICI  
VACCINE

1871.00 MODIFIED LIVE VIRUS 195A  
TISSUE CULTURE ORIGIN

1871.20 MODIFIED LIVE VIRUS 124, 169, 264, 272  
CELL LINE ORIGIN

CONTINUED  
FELINE RHINOTRACHEITIS-CALICI  
VACCINE

16C1.30 MODIFIED LIVE VIRUS  
TISSUE CULTURE AND  
CELL LINE ORIGIN 225

FELINE RHINOTRACHEITIS-CALICI-  
PANLEUKOPENIA VACCINE

16D1.00 MODIFIED LIVE VIRUS  
TISSUE CULTURE ORIGIN 195A

16D1.20 MODIFIED LIVE VIRUS  
CELL LINE ORIGIN 189

16D1.30 MODIFIED LIVE VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN 264

16D8.20 MODIFIED LIVE VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE 272

16D8.30 MODIFIED LIVE VIRUS  
TISSUE CULTURE AND  
CELL LINE ORIGIN  
COMBINATION PACKAGE 225

16D9.20 MODIFIED LIVE AND  
KILLED VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE 272

16D9.30 MODIFIED LIVE AND  
KILLED VIRUS  
TISSUE CULTURE AND  
CELL LINE ORIGIN  
COMBINATION PACKAGE 225, 264

FELINE RHINOTRACHEITIS-CALICI-  
PANLEUKOPENIA-PNEUMONITIS  
VACCINE

16E1.40 MODIFIED LIVE VIRUS  
AND CHLAMYDIA  
TISSUE CULTURE AND  
CHICKEN EMBRYO ORIGIN 195A

FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS VACCINE

16F1.40 MODIFIED LIVE VIRUS  
AND CHLAMYDIA  
TISSUE CULTURE AND  
CHICKEN EMBRYO ORIGIN 195A

FOWL LARYNGOTRACHEITIS VACCINE

1601.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165
1601.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1601.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 243
1601.12	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165

FOWL POX VACCINE

1621.00	LIVE VIRUS TISSUE CULTURE ORIGIN	165, 196, 243, 269
1621.01	LIVE VIRUS TISSUE CULTURE ORIGIN	269
1621.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 243
1621.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195

FOX ENCEPHALITIS VACCINE

1635.20 KILLED VIRUS  
CELL LINE ORIGIN 245A

MAREK'S DISEASE VACCINE

1641.00	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3, 195, 196, 226, 269, 271, 275
1641.01	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE	3, 165, 195, 196, 226, 243, 269, 271, 275
1641.02	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE FROZEN	195
1641.03	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3

MEASLES VACCINE

1661.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 213
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MINK ENTERITIS VACCINE

1685.00	KILLED VIRUS TISSUE CULTURE ORIGIN	245
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NEWCASTLE DISEASE VACCINE

1705.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
1711.10	B1 TYPE B1 STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
1721.10	B1 TYPE LASOTA STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243

NEWCASTLE DISEASE-AVIAN  
ENCEPHALOMYELITIS VACCINE

1745.10 KILLED VIRUS 240  
CHICKEN EMBRYO ORIGIN

NEWCASTLE-BRANCHLTIS VACCINE

1761.1A B1 TYPE 226  
B1 STRAIN  
MASS & JMK TYPES  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

1761.11 B1 TYPE 165, 195, 196, 226,  
B1 STRAIN 240, 243  
MASS TYPE  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

1761.12 B1 TYPE 165, 195, 196, 240,  
B1 STRAIN 243  
MASS TYPE  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

1761.13 B1 TYPE 195  
B1 STRAIN  
CONN TYPE  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

1761.14 B1 TYPE 195, 226  
B1 STRAIN  
MASS & CONN TYPES  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

1761.15 B1 TYPE 165  
B1 STRAIN  
MASS & JMK TYPES  
LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>NEWCASTLE-BRONCHITIS VACCINE</u>		
1761.17	B1 TYPE B1 STRAIN MASS & CUNN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1761.18	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196, 226
1761.19	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	226, 243
1771.11	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 240
1771.12	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 243
1771.14	B1 TYPE LASOTA STRAIN MASS & CUNN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
1771.17	B1 TYPE LASOTA STRAIN MASS & CUNN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 243

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

CONTINUED  
NEWCASTLE-BRONCHITIS VACCINE

1771.18	B1 TYPE LASUTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196, 226
1771.19	B1 TYPE LASUTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	226, 243

UVINE ECTHYMA VACCINE

1821.00	LIVE VIRUS TISSUE CULTURE ORIGIN	188
1821.50	LIVE VIRUS UVINE ORIGIN.	52, 112A

PARAINFLUENZA 3 VACCINE

1841.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 188, 225
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PASTEURELLA MULTOCIDA VACCINE

1871.01	AVIRULENT LIVE CULTURE AVIAN ISOLATE	165
1871.05	AVIRULENT LIVE CULTURE AVIAN ISOLATE	196

PIGEON POX VACCINE

1881.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 226, 243
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CONTINUED  
PIGEON POX VACCINE

1881.11      LIVE VIRUS  
                CHICKEN EMBRYO ORIGIN  
                PIGEONS ONLY

196

PSEUDORABIES VACCINE

1891.20      MODIFIED LIVE VIRUS  
                CELL LINE ORIGIN

189

1895.00      KILLED VIRUS  
                TISSUE CULTURE ORIGIN

195

RABIES VACCINE

1901.03      MODIFIED LIVE VIRUS  
                TISSUE CULTURE ORIGIN  
                HIGH CELL PASSAGE  
                SAD STRAIN

107, 124, 264

1901.05      MODIFIED LIVE VIRUS  
                TISSUE CULTURE ORIGIN  
                HIGH CELL PASSAGE  
                SAD STRAIN

124

1901.11      MODIFIED LIVE VIRUS  
                CHICKEN EMBRYO ORIGIN  
                LOW EGG PASSAGE  
                FLURY STRAIN

195A

1901.22      MODIFIED LIVE VIRUS  
                CELL LINE ORIGIN  
                HIGH EGG PASSAGE  
                FLURY STRAIN

189

1901.23      MODIFIED LIVE VIRUS  
                CELL LINE ORIGIN  
                HIGH CELL PASSAGE  
                SAD STRAIN

107

1901.24      MODIFIED LIVE VIRUS  
                CELL LINE ORIGIN  
                HIGH CELL PASSAGE  
                KISSLING STRAIN

225

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>RABIES VACCINE</u>		
1905.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107
1905.20	KILLED VIRUS CELL LINE ORIGIN	225
1905.50	KILLED VIRUS CAPHINE ORIGIN	227
1905.51	KILLED VIRUS MURINE ORIGIN	266
1905.55	KILLED VIRUS MURINE ORIGIN	266
<u>REO-VIRAL CALF DIARRHEA VACCINE</u>		
1921.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
<u>REO-CORONA VIRAL CALF DIARRHEA VACCINE</u>		
1931.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
<u>SENDAI VACCINE</u>		
19M5.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	278
<u>STREPTOCOCCUS GROUP E VACCINE</u>		
1941.00	AVIRULENT LIVE CULTURE	112
<u>TENOSYNOVITIS VACCINE</u>		
1951.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	226

TRANSMISSIBLE GASTROENTERITIS  
VACCINE

1961.00 MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN 213

WART VACCINE

1985.50 KILLED VIRUS BOVINE ORIGIN 52, 112, 112A, 124,  
188, 189, 213, 243A,  
251

## BACTERINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>AUTOGENOUS BACTERIN</u>		
2051.00	AVIAN ISOLATES AQUEOUS	112, 188, 195, 196, 226A
2051.01	BOVINE ISOLATES AQUEOUS	112, 188, 195, 213, 225
2051.02	PORCINE ISOLATES AQUEOUS	112, 188, 195, 213, 225
2051.03	OTHER SPECIES ISOLATES AQUEOUS	112, 188, 195, 213, 225, 245
2051.10	AVIAN ISOLATES EMULSIFIED	195, 196, 226A, 240
<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>		
2100.00		251, 264
<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>		
2401.00		52, 107, 112A, 115, 124, 188, 213, 225, 243A, 272
2401.01		124
<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- LEPTOSPIRA PUMONA BACTERIN</u>		
2408.00		107, 124
<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN</u>		
2460.00		52, 107, 112A, 124, 188, 213, 225, 272

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	
2461.00		188, 243A
	<u>CLOSTRIDIUM HAEMOLYTICA</u> <u>BACTERIN</u>	
2465.00		52, 107, 112A, 115, 124
2465.01		107, 213
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA BACTERIN</u>	
2633.00	BOVINE ISOLATES	52, 112, 112A, 213, 225
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA MULTOCIDA-</u> <u>SALMUNELLA CHOLERAESUIS</u> <u>BACTERIN</u>	
2635.00	PURCINE ISOLATES	112, 213, 225
	<u>ENTERIC REDMOUTH BACTERIN</u>	
2638.00		264, 277
	<u>ERYSIPEROLOTHRIX RHUSIOPATHIAE</u> <u>BACTERIN</u>	
2641.00		52, 107, 112, 112A, 124, 188, 195, 195A, 196, 213, 225, 243A, 251, 264, 272
2641.01		188, 213
	<u>ERYSIPEROLOTHRIX RHUSIOPATHIAE-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	
2645.03	AVIAN ISOLATES TYPES 1 3 & 4	196

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

ESCHERICHIA COLI-PASTEURELLA  
MULTOCIDA-SALMONELLA  
CHOLERAESUIS BACTERIN

2650.00 PURCINE ISOLATES 112, 213, 225

ESCHERICHIA COLI-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA-  
SALMONELLA TYPHIMURIUM  
BACTERIN

2651.00 BOVINE ISOLATES 112, 213, 225

HAEMOPHILUS GALLINARUM  
BACTERIN

2658.00 195

HAEMOPHILUS SUMNUS BACTERIN

2659.00 124

LEPTOSPIRA CANICOLA BACTERIN

2661.00 188

LEPTOSPIRA CANICOLA-  
GRIPPOTYPHUSA-HARDJO-  
ICTEROHAEMORRHAGIAE-PUMONA  
BACTERIN

2665.00 124, 188, 189, 225,  
272

LEPTOSPIRA CANICOLA-  
ICTEROHAEMORRHAGIAE BACTERIN

2671.00 52, 107, 112, 124,  
188, 189, 195A, 213,  
225, 227, 243A, 245A,  
251, 264, 272

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

## CONTINUED

LEPTOSPIRA CANICOLA-  
ICTERUHAEMORRHAGIAE BACTERIN

2671.01 189, 225, 272

LEPTOSPIRA CANICOLA-  
ICTERUHAEMORRHAGIAE-PUMONA  
BACTERIN

2673.00 189, 213, 272

LEPTOSPIRA GRIPPOTYPHOSA  
BACTERIN

2675.00 188

LEPTOSPIRA GRIPPOTYPHOSA-  
HARDJO-PUMONA BACTERIN2681.00 124, 188, 189, 225,  
272LEPTOSPIRA HARDJO-POMONA  
BACTERIN

2688.00 189

LEPTOSPIRA PUMONA BACTERIN2691.00 3, 52, 107, 112,  
112A, 124, 188, 189,  
195, 195A, 213, 225,  
243A, 251, 264, 272

2691.01 188

LEPTOSPIRA PUMONA-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA BACTERIN

2695.00 BOVINE ISOLATES 124

PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN2700.00 BOVINE ISOLATES 52, 107, 112, 124,  
188, 213, 225, 243A,  
251, 264, 272

PASTEURELLA MULTOCIDA BACTERIN

2701.22	BOVINE & PORCINE ISOLATES	188
2701.52	BOVINE & PORCINE ISOLATES	188
2702.01	AVIAN ISOLATES TYPE 1 AQUEOUS	243
2702.03	AVIAN ISOLATES TYPES 1 3 & 4 AQUEOUS	243
2702.12	AVIAN ISOLATES TYPES 1 & 3 EMULSIFIED	240
2702.13	AVIAN ISOLATES TYPES 1 3 & 4 EMULSIFIED	195, 196, 226A, 240

SALMONELLA DUBLIN-TYPHIMURIUM  
BACTERIN

2821.00	BOVINE ISOLATES	52
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STAPHYLOCOCCUS AUREUS BACTERIN

2852.00		124
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STREPTOCOCCUS EQUI BACTERIN

2855.00		112
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VIBRIO ANGUILLARUM BACTERIN

2858.02		264, 264A, 277
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VIBRIO FETUS BACTERIN

2861.00	OVINE ISOLATES AQUEOUS	188
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CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>VIBRIO FETUS BACTERIN</u>		
2462.00	BOVINE ISOLATES AQUEOUS	52, 112A, 124, 251
2462.10	BOVINE ISOLATES EMULSIFIED	112, 188, 189
<u>VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN</u>		
2465.00	BOVINE ISOLATES	52, 112A, 124
<u>VIBRIO FETUS-LEPTOSPIRA GRIPPOTYPHOSE-HARDJO-POMONA BACTERIN</u>		
2469.00	BOVINE ISOLATES AQUEOUS	124

14601 455  
14602 456

14603 457

14604 458

14605 459

14606 460

14607 461

14608 462

14609 463

14610 464

14611 465

14612 466

14613 467

14614 468

14615 469

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14618 472

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14869 723

14870 724

14871 725

14872 726

## ANTISERUMS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CANINE DISTEMPER-HEPATITIS-</u> <u>LEPTOSPIRA CANICULA ANTISERUM</u>		
3343.00	CANINE ORIGIN CONCENTRATE	195A
<u>CORYNEBACTERIUM PYOGENES-</u> <u>ESCHERICHIA COLI-PASTEURELLA</u> <u>MULTOCIDA-SALMUNELLA</u> <u>TYPHIMURIUM ANTISERUM</u> <u>CONCENTRATE</u>		
3400.00	BOVINE ISOLATES & ORIGIN	124
<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA ANTISERUM</u>		
3411.00	BOVINE ISOLATES & ORIGIN	213
3414.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	213
<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA MULTOCIDA</u> <u>ANTISERUM</u>		
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	188
3504.02	BOVINE & PURCINE ISOLATES BOVINE ORIGIN CONCENTRATE	188

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

DUCK VIRUS HEPATITIS YOLK  
ANTIBODY

3508.00 CHICKEN EGG ORIGIN 268

ERYSIPELOTHRIX RHUSIOPATHIAE  
ANTISERUM

3511.00 EQUINE ORIGIN 188, 213

3514.00 EQUINE ORIGIN CONCENTRATE 124

ESCHERICHIA COLI-PASTEURELLA  
MULTOCIDA-SALMONELLA  
TYPHIMURIUM ANTISERUM

3531.00 BOVINE ISOLATES & ORIGIN 112, 188, 251

3551.00 FELINE PANLEUKOPENIA ANTISERUM 112

NORMAL SERUM

3602.00 EQUINE ORIGIN 188

3603.00 FELINE ORIGIN 188, 195A

PASTEURELLA MULTOCIDA  
ANTISERUM

3701.00 BOVINE ISOLATES  
BOVINE ORIGIN 251

3701.02 BOVINE & PORCINE ISOLATES  
BOVINE ORIGIN 188

## VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>BOVINE RHINOTRACHEITIS</u> VACCINE - <u>LEPTOSPIRA CANICOLA-</u> <u>ICTEROMAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	
4029.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS</u> VACCINE - <u>LEPTOSPIRA GRIPPOTYPHUSA-</u> <u>HARDJO-PUMONA BACTERIN</u>	
4059.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
	<u>BOVINE RHINOTRACHEITIS</u> VACCINE - <u>LEPTOSPIRA PUMONA BACTERIN</u>	
4081.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3
4089.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264
4089.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124, 189, 272
	<u>BOVINE RHINOTRACHEITIS</u> VACCINE - <u>LEPTOSPIRA PUMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4119.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>BOVINE RHINOTRACHEITIS-</u> <u>PARAINFLUENZA 3 VACCINE -</u> <u>LEPTOSPIRA CANICOLA-</u> <u>ICTEROHAEMORRHAGIAE-PUMONA</u> <u>BACTERIN</u>	
4149.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS-</u> <u>PARAINFLUENZA 3 VACCINE -</u> <u>LEPTOSPIRA GRIPPOTYPHUSA-</u> <u>HARDJOJO-PUMONA BACTERIN</u>	
4179.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189, 272
	<u>BOVINE RHINOTRACHEITIS-</u> <u>PARAINFLUENZA 3 VACCINE -</u> <u>LEPTOSPIRA PUMONA BACTERIN</u>	
4209.00	MODIFIED LIVE VIRUS TI-SUE CULTURE ORIGIN COMBINATION PACKAGE	112, 188, 213
4209.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189, 272
4209.30	MODIFIED LIVE VIRUS TI-SUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	52
	<u>BOVINE RHINOTRACHEITIS-</u> <u>PARAINFLUENZA 3 VACCINE -</u> <u>LEPTOSPIRA PUMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4239.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4265.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112, 124
4269.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213, 243A, 251, 264
4269.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272

BOVINE RHINOTRACHEITIS  
VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4299.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA CANICULA-  
ICTEROHAEMORRHAGIAE-POMONA  
BACTERIN

4329.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA GRIPPOTYPHUSA-  
HARDJO-POMONA BACTERIN

4359.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189
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## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4389.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 213, 243A
4389.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
4389.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107, 189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA BACTERIN

4419.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	124
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4429.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

BUVINE RHINULTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA CANICOLA-  
GRIPPOTYPHOUSA-HARDJO-  
ICTEROHAEMORRHAGIAE-PUMONA  
HACTERIN

4439.30 MODIFIED LIVE VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE 189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA CANICOLA-  
ICTEROHAEMORRHAGIAE-PUMONA  
BACTERIN

4449.20 MODIFIED LIVE VIRUS 272  
CELL LINE ORIGIN  
COMBINATION PACKAGE

HUVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA GRIPOTYPHUSA-  
HARDJO-PUMONA BACTERIN

4479.20 MODIFIED LIVE VIRUS 272  
CELL LINE ORIGIN  
COMBINATION PACKAGE

4479-30 MODIFIED LIVE VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE 189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA PUMONA BACTERIN

4509.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 213
4509.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
4509.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189

BOVINE RHINOTRACHEITIS-VIRUS  
DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4539.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213, 243A, 264
4539.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272

BOVINE VIRUS DIARRHEA  
VACCINE -  
LEPTOSPIRA PUMONA BACTERIN

4599.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 189
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CONTINUEDBOVINE VIRUS DIARRHEA  
VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4599.20 MODIFIED LIVE VIRUS 107  
CELL LINE ORIGIN  
COMBINATION PACKAGE

CANINE DISTEMPER-ADENOVIRUS  
TYPE 2 VACCINE -  
LEPTOSPIRA BACTERIN

4629.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN  
COMBINATION PACKAGE

CANINE DISTEMPER-ADENOVIRUS  
TYPE 2-PARAINFLUENZA VACCINE -  
LEPTOSPIRA BACTERIN

4659.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN  
COMBINATION PACKAGE

CANINE DISTEMPER-HEPATITIS  
VACCINE -  
LEPTOSPIRA BACTERIN

4681.20 MODIFIED LIVE VIRUS 272  
CELL LINE ORIGIN

4685.50 KILLED VIRUS 195A  
CANINE ORIGIN

4689.00 MODIFIED LIVE VIRUS 107, 112, 195A, 213,  
TISSUE CULTURE ORIGIN 225, 243A, 251  
COMBINATION PACKAGE

4689.20 MODIFIED LIVE VIRUS 107, 124, 189, 227,  
CELL LINE ORIGIN 245, 264, 272  
COMBINATION PACKAGE

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
CONTINUED		
<u>CANINE DISTEMPER-HEPATITIS</u>		
<u>VACCINE -</u>		
<u>LEPTOSPIRA BACTERIN</u>		
4689.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	227
4689.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
<u>CANINE DISTEMPER VACCINE -</u>		
<u>LEPTOSPIRA BACTERIN</u>		
4749.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A, 251
4749.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
<u>CANINE DISTEMPER-HEPATITIS-</u>		
<u>PARAINFLUENZA VACCINE -</u>		
<u>BORDETELLA BRONCHISEPTICA</u>		
<u>BACTERIN</u>		
4789.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	264
<u>CANINE DISTEMPER-HEPATITIS-</u>		
<u>PARAINFLUENZA VACCINE -</u>		
<u>LEPTOSPIRA BACTERIN</u>		
4809.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

CONTINUEDCANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE -  
LEPTOSPIRA BACTERIN

4809.20 MODIFIED LIVE VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE 107, 124, 189, 264,  
272

ENCEPHALOMYELITIS-INFLUENZA  
VACCINE -  
TETANUS TOXOID

4835.41 EASTERN 52  
WESTERN  
KILLED VIRUS  
TISSUE CULTURE AND  
CHICKEN EMBRYO ORIGIN

ENCEPHALOMYELITIS VACCINE -  
TETANUS TOXOID

4865.00 EASTERN 52, 112  
WESTERN  
KILLED VIRUS  
TISSUE CULTURE ORIGIN

4865.33 EASTERN 107  
WESTERN  
VENEZUELAN  
KILLED VIRUS  
TISSUE CULTURE AND  
CELL LINE ORIGIN

EQUINE INFLUENZA VACCINE -  
TETANUS TOXOID

4895.10 KILLED VIRUS 112  
CHICKEN EMBRYO ORIGIN

	<u>MINK DISTEMPER-ENTERITIS</u> <u>VACCINE -</u> <u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	
4429.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	165
	<u>MINK ENTERITIS VACCINE -</u> <u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	
4455.00	KILLED VIRUS TISSUE CULTURE ORIGIN	165. 245
	<u>PARAINFLUENZA 3 VACCINE -</u> <u>LEPTOSPIRA POMONA BACTERIN</u>	
4489.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
	<u>PSEUDORABIES VACCINE -</u> <u>LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-</u> <u>ICTERUHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	
4999.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189

## DIAGNOSTICS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ALEUTIAN DISEASE COUNTERELECTROPHORESIS ANTIGEN</u>	
5005.00	MINK ORIGIN	245
	<u>BRUCELLA ABORTUS ANTIGEN</u>	
5011.00	STAINED ANTIGEN	107
	<u>CANINE BRUCELLOSIS AGGLUTINATION ANTIGEN &amp; REAGENT SERUM</u>	
5021.00	CANINE ORIGIN	264
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOUSA ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTEROMAEMORRHAGIAE ANTIGEN</u>	
5057.00		112
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u>	
5071.00	S-6 SEROTYPE PLATE	195

MYCOPLASMA MELEAGRIDIS ANTIGEN

5072.00 H-SEROTYPE PLATE 195

MYCOPLASMA SYNOVIAE ANTIGEN

5073.00 S-SEROTYPE PLATE 195

PULLORUM ANTIGEN

5206.00 STAINED ANTIGEN K POLYVALENT 195, 196

5208.00 TUBE 196

TUBERCULIN

5301.00 MAMMALIAN HUMAN ISOLATES INTRADERMIC 107

5302.00 PPD BOVIS INTRADERMIC 107

BOVINE LEUKEMIA GLYCOPROTEIN IMMUNODIFFUSION ANTIGEN & REAGENT AND REFERENCE SERUMS

5505.20 CELL LINE ORIGIN BOVINE ORIGIN 264

EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION ANTIGEN & REAGENT SERUM

5515.20 CELL LINE ORIGIN EQUINE ORIGIN 264

## ANTITOXINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ANTIVENIN</u>	
6101.00	(CRUTALIDAE) POLYVALENT EQUINE ORIGIN	1128
	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u>	
6201.00	<u>ANTITOXIN</u>	188
	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u>	
6211.00	<u>ANTITOXIN</u>	188, 251
	<u>CLOSTRIDIUM PERFRINGENS TYPES C &amp; D ANTITOXIN</u>	
6220.00	BOVINE ORIGIN	213
6221.00	EQUINE ORIGIN	124, 188, 243A, 251
	<u>TETANUS ANTITOXIN</u>	
6302.00	EQUINE ORIGIN	52, 107, 112, 188, 243A, 251

## BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CLOSTRIDIUM BUTYLLINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	
7211.00		165, 245
	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM</u> <u>BACTERIN-TOXOID</u>	
7212.00		189
	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-</u> <u>PERFRINGENS TYPES C &amp; D</u> <u>BACTERIN-TOXOID</u>	
7214.00		107
	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>NOVYI BACTERIN-TOXOID</u>	
7215.00		52, 107, 112A, 115, 124, 188
7215.01		124
	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>NOVYI-SOR ELLII</u> <u>BACTERIN-TOXOID</u>	
7216.00		52, 107, 112A, 124, 213, 225, 272
	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C &amp; D BACTERIN-TOXOID</u>	
7217.00		107, 124, 225
	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>NOVYI-LEPTOSPIRA POMONA</u> <u>BACTERIN-TOXOID</u>	
7219.00		107, 124

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

	<u>CLOSTRIDIUM CHAUVEI-SEPTICUM-</u> <u>NUVYI-SURDELLII-LEPTOSPIRA</u> <u>POMONA BACTERIN-TOXOID</u>	
7220.00		107
	<u>CLOSTRIDIUM NUVYI</u> <u>BACTERIN-TOXOID</u>	
7221.00		188
	<u>CLOSTRIDIUM NUVYI-SURDELLII</u> <u>BACTERIN-TOXOID</u>	
7223.00		52
	<u>CLOSTRIDIUM NUVYI-SURDELLII-</u> <u>PERFRINGENS TYPES C &amp; D</u> <u>BACTERIN-TOXOID</u>	
7231.00		107, 124
	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u> <u>BACTERIN-TOXOID</u>	
7351.00		112A, 213, 225, 272
	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u> <u>BACTERIN-TOXOID</u>	
7353.00		52, 112A, 115, 213, 225, 272
	<u>CLOSTRIDIUM PERFRINGENS TYPES</u> <u>C &amp; D BACTERIN-TOXOID</u>	
7354.00		52, 112, 112A, 115, 213, 225, 272
	<u>STAPHYLOCOCCUS AUREUS</u> <u>BACTERIN-TOXOID</u>	
7401.00		107

## TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u>	
<u>8101.00</u>	<u>TOXOID</u>	52, 107, 124, 189, 251
	<u>CLOSTRIDIUM PERFRINGENS TYPES</u>	
<u>8201.00</u>	<u>C &amp; D TOXOID</u>	107, 124, 189
	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u>	
<u>8301.00</u>	<u>TOXOID</u>	52, 107, 112, 124, 189
	<u>CLOSTRIDIUM PERFRINGENS TYPE</u>	
<u>8305.00</u>	<u>D-TETANUS TOXOID</u>	112
	<u>TETANUS TOXOID</u>	
<u>8601.00</u>		52, 107, 112, 188, 225

## MISCELLANEOUS PRODUCTS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	259, 270
9522.01	MIXED RAGWEED	259
9522.02	MIXED TREES	259, 270
9522.03	MIXED GRASSES	259, 270
9522.04	MIXED WEEDS	259, 270
9523.00	MIXED MOLDS	259, 270
9524.00	MIXED INHALANTS	259
9525.00	FLEA ANTIGEN	259
9527.00	MIXED EPIDERMALS	259, 270
9528.00	MIXED INSECTS	259
9531.00	PRESCRIPTION PRODUCT	259
9532.00	INTRADERMAL-TEST KIT	259









